Service Schematics

Introduction

Exploded view and compnent disposal

Important:

This document is intended for use by authorized service centers only.

"Service Schematics" was created with focus on customer care.

The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities.

It contains additional information such as e.g. "Component finder",

"Frequency band table" or "Antenna switch table".

The "Signal overview" page gives a good and fast overview about the most important signals and voltages on board.

Saving process time and improving the repair quality is the aim of this document. It is to be used additionaly to the service manual and other training or service information such as Service Bulletins.

All measurements were made using following equipment:

Phoenix version 2006.44.7.123 Nokia repair SW

Oscilloscope Fluke PM 3380A/B

Spectrum Analyzer Advanced R3162 with an analog probe

Rhode & Schwarz CMU 200 RF-Generator/GSM Tester:

Multimeter Fluke 73 Series II

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA should be notified in writing.

Please send E-Mail to: training.sace@nokia.com

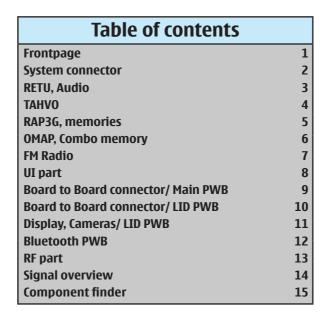
Copyright © NOKIA

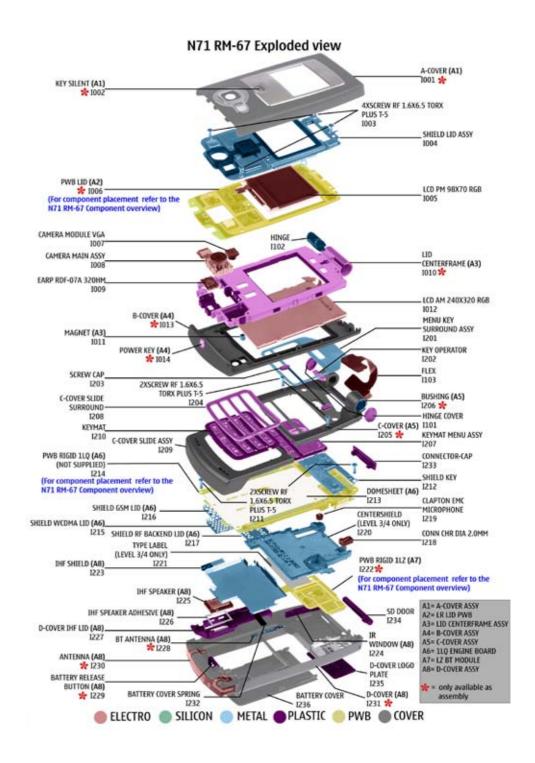
This material, including documentation and any related computer programs is protected by copyright, controlled by NOKIA. All rights are reserved. Copying, including reproducing, modifying, storing, adapting or translating any or all of this material requires the prior written consent of NOKIA. This material also contains confidential information, which may not be disclosed to others whitout the prior written consent of NOKIA.



RM-67





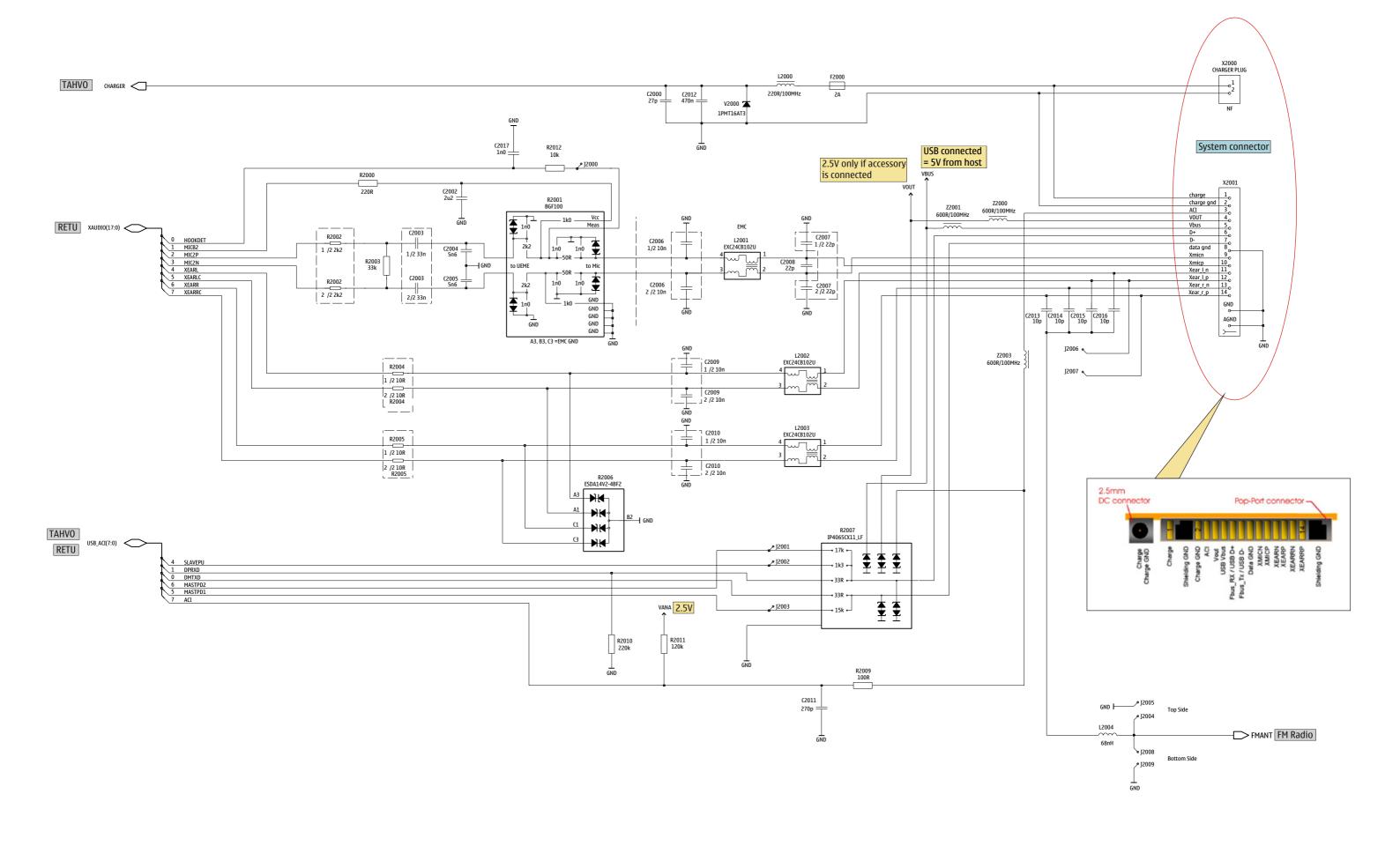


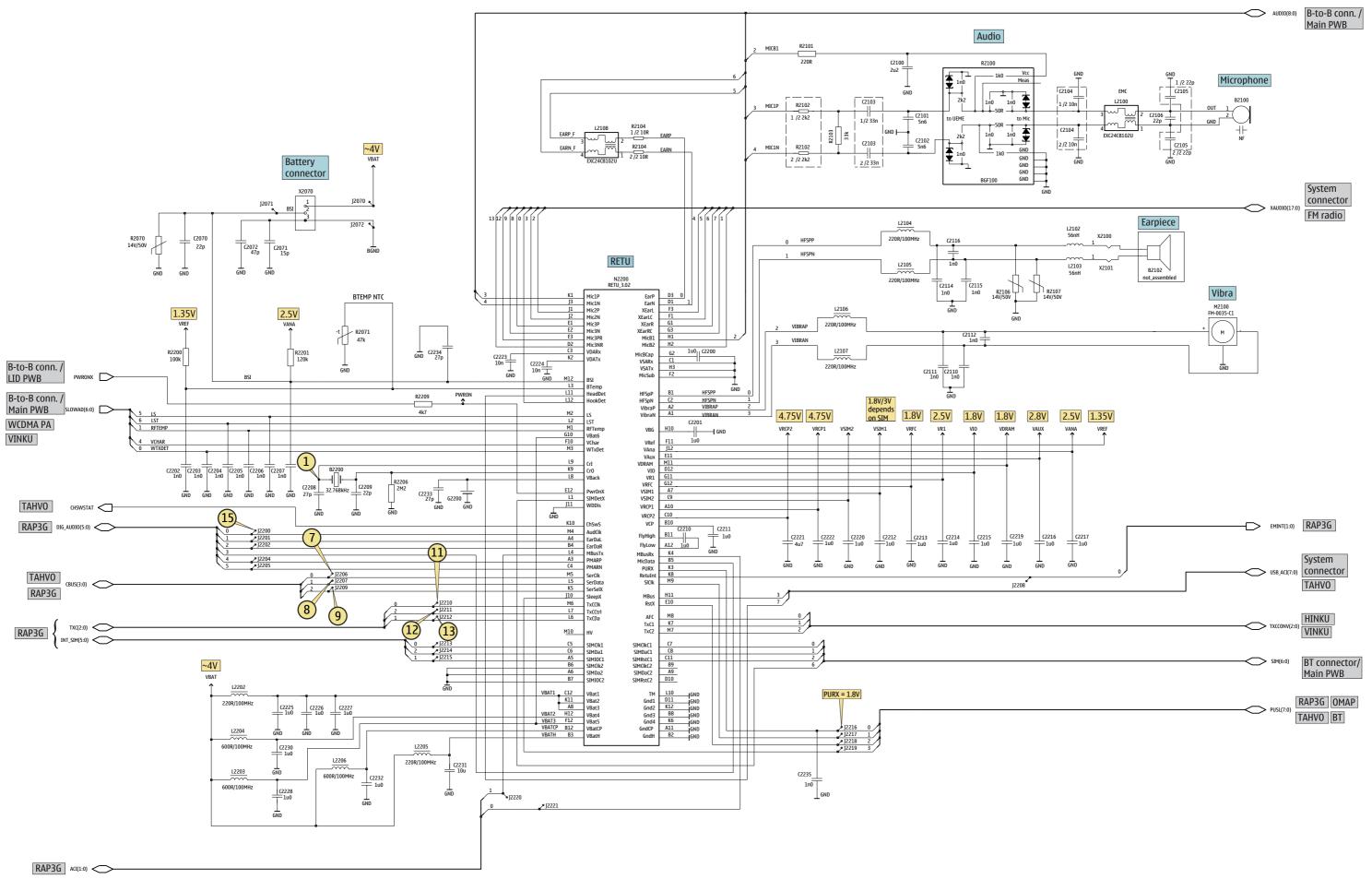
Frontpage

Page 1(15)

Customer Care / Service Operations / Content Creation Team Confidential Copyright © 2006 NOKIA Only for training purposes

Board version: 1 | 1 Version: 2.0 29.03.2006 | N-71



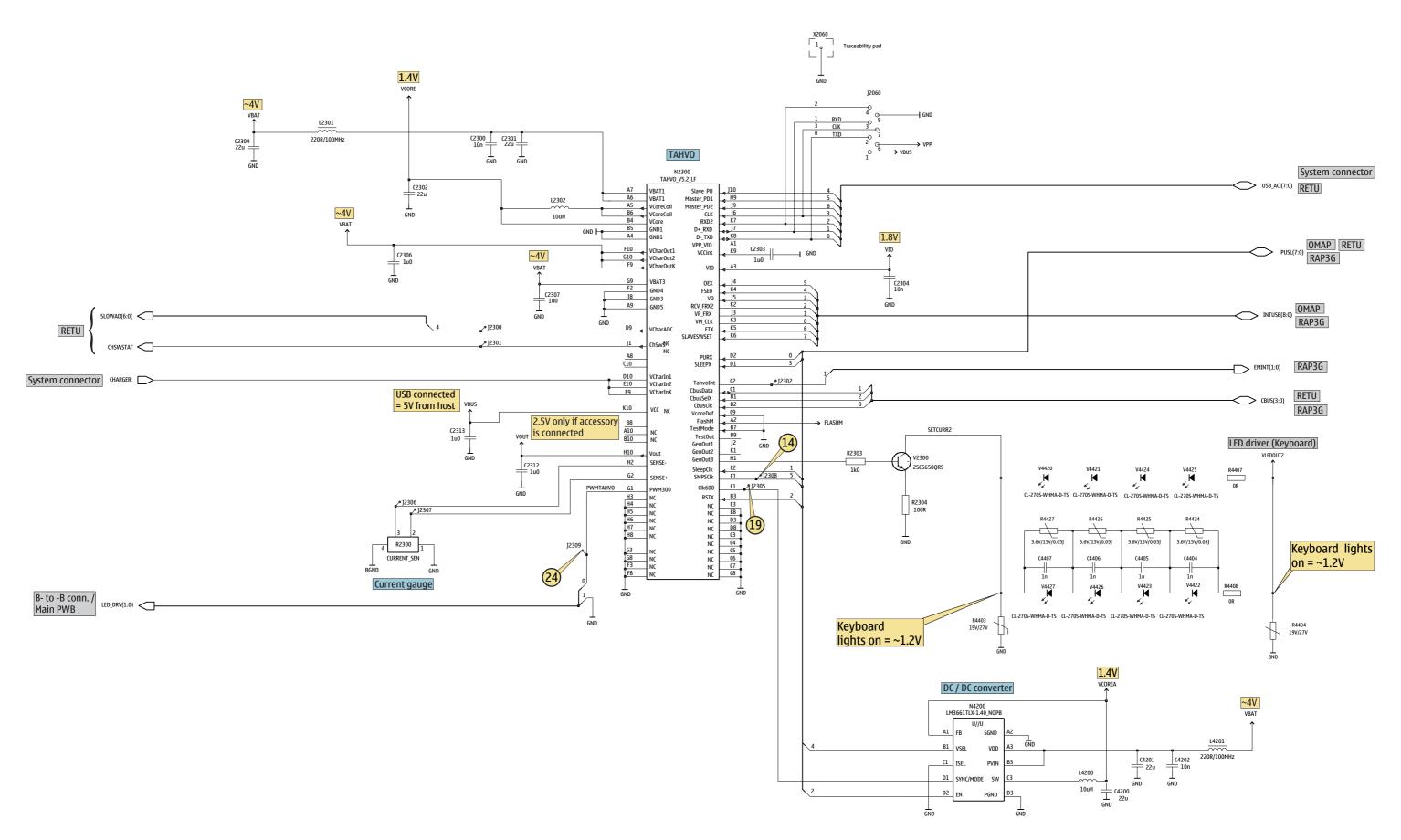


Customer Care / Service Operations / Content Creation Team Confidential Copyright © 2006 NOKIA Only for training purposes

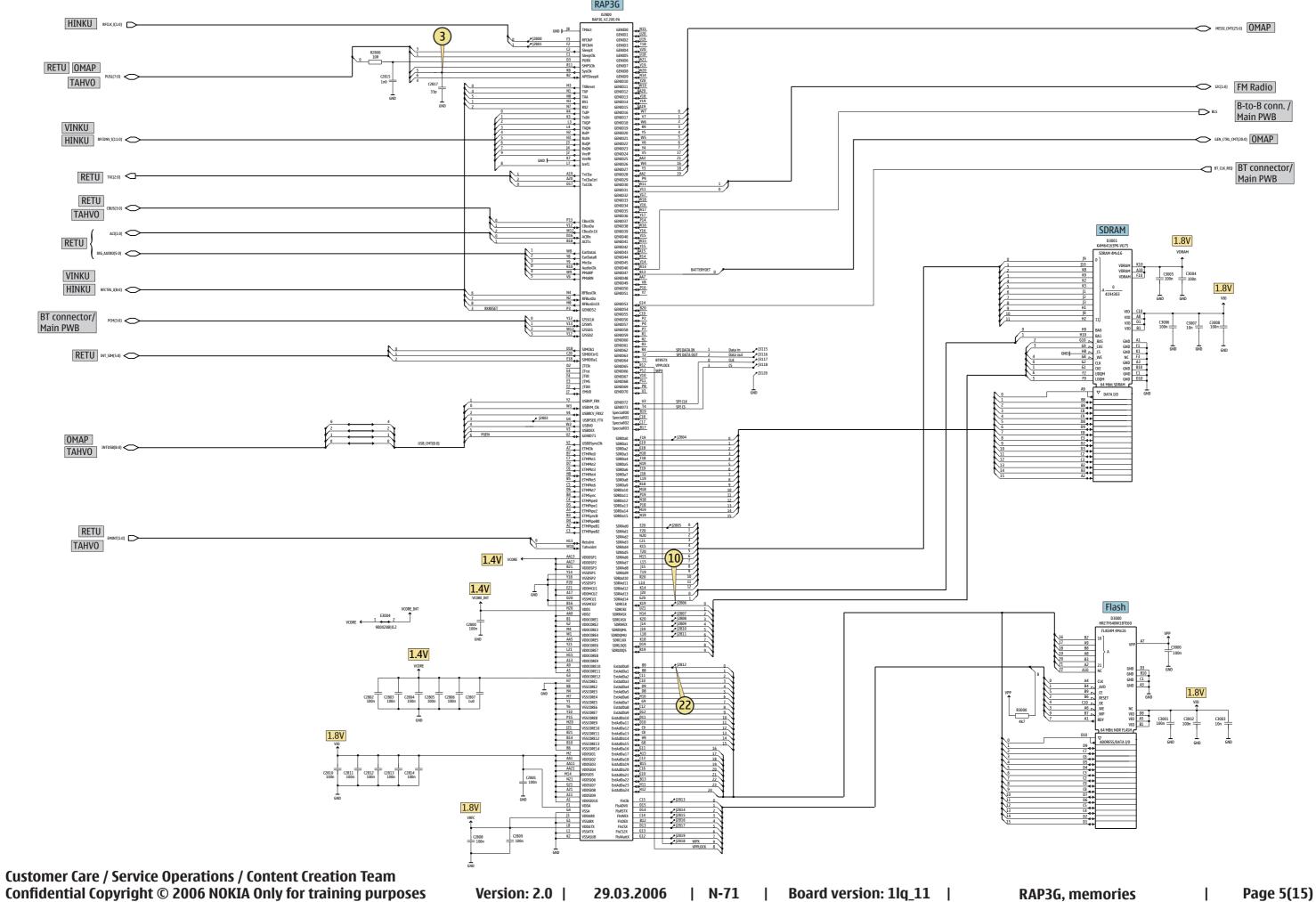
Version: 2.0

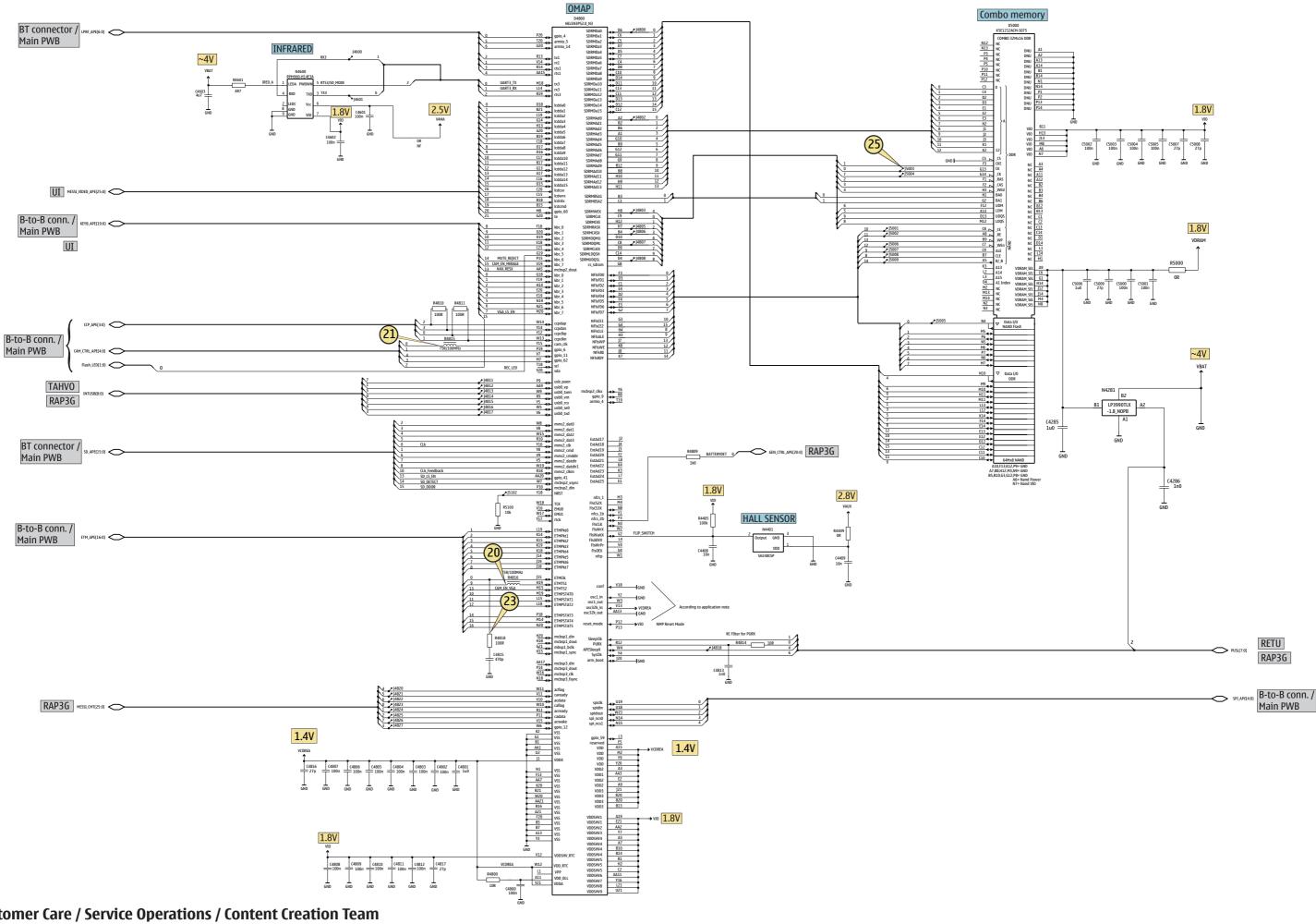
29.03.2006 | N-71 | Board version: 1lq_11 |

RETU, Audio

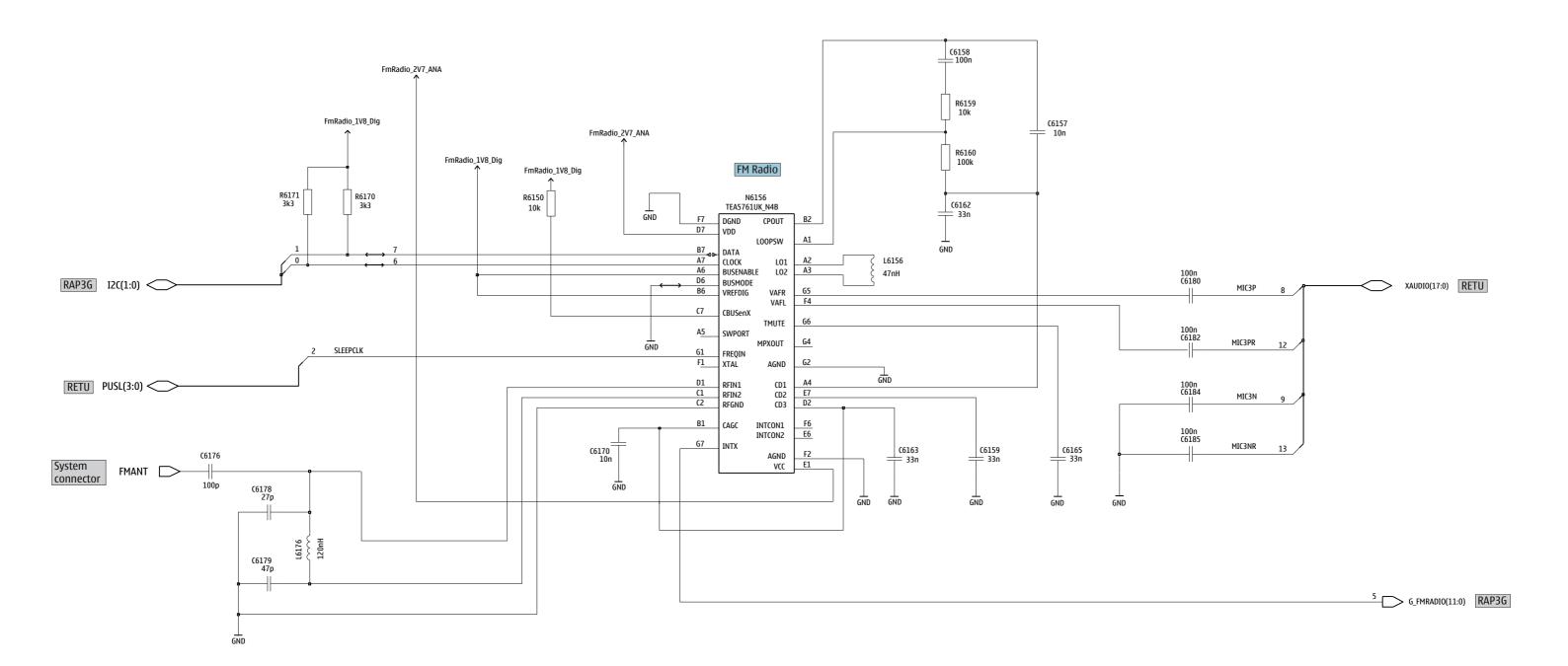


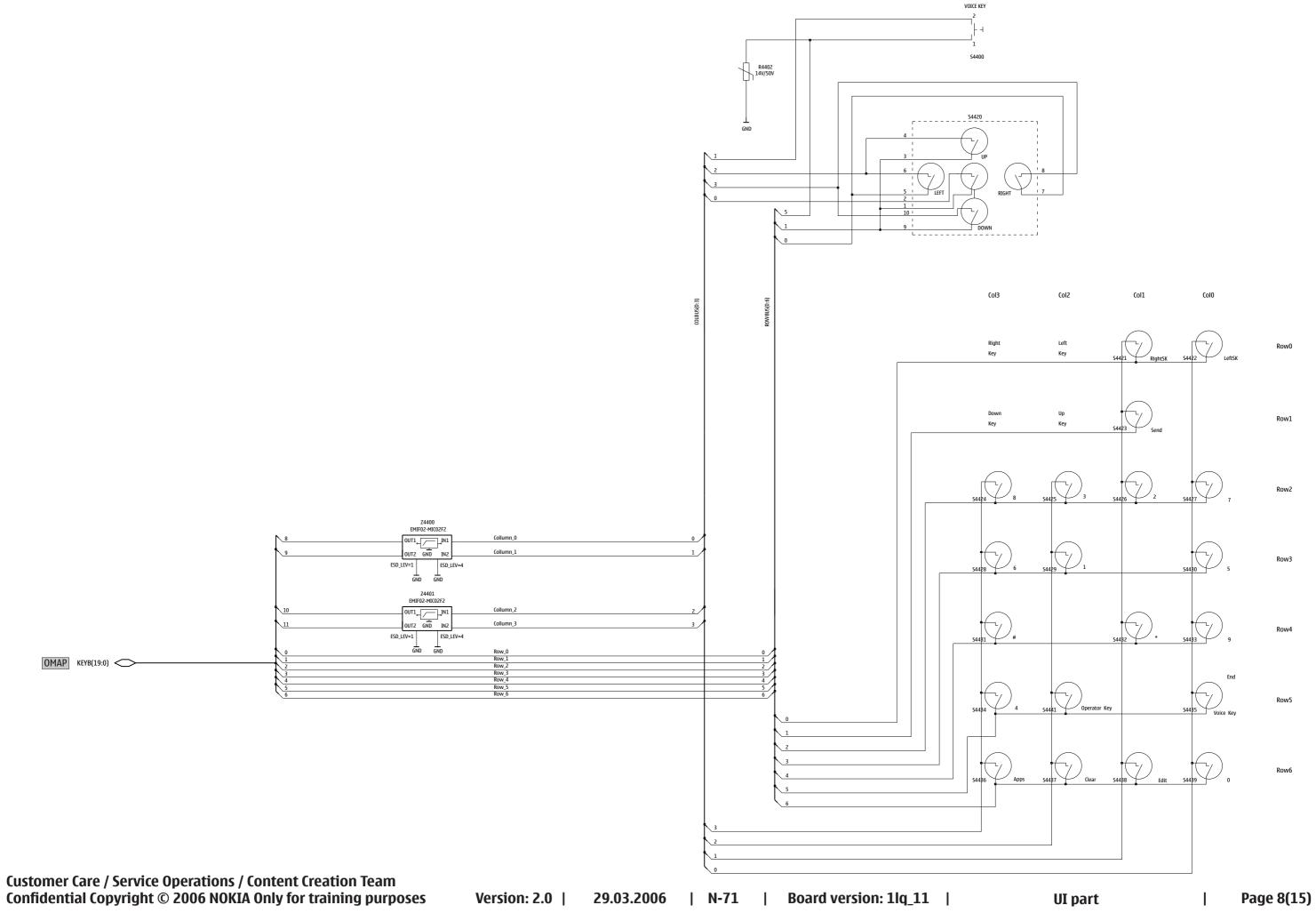
Customer Care / Service Operations / Content Creation Team Confidential Copyright © 2006 NOKIA Only for training purposes

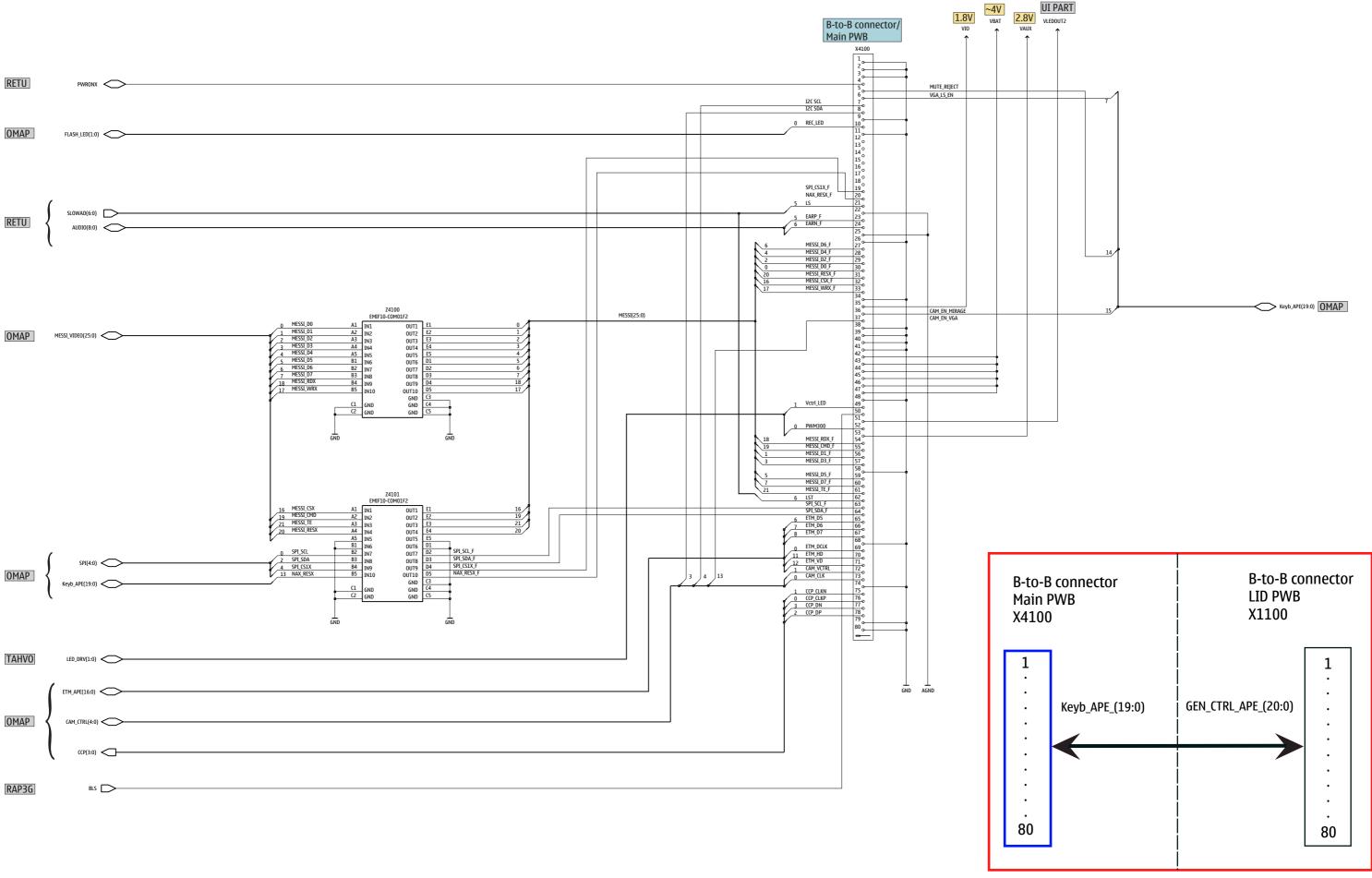


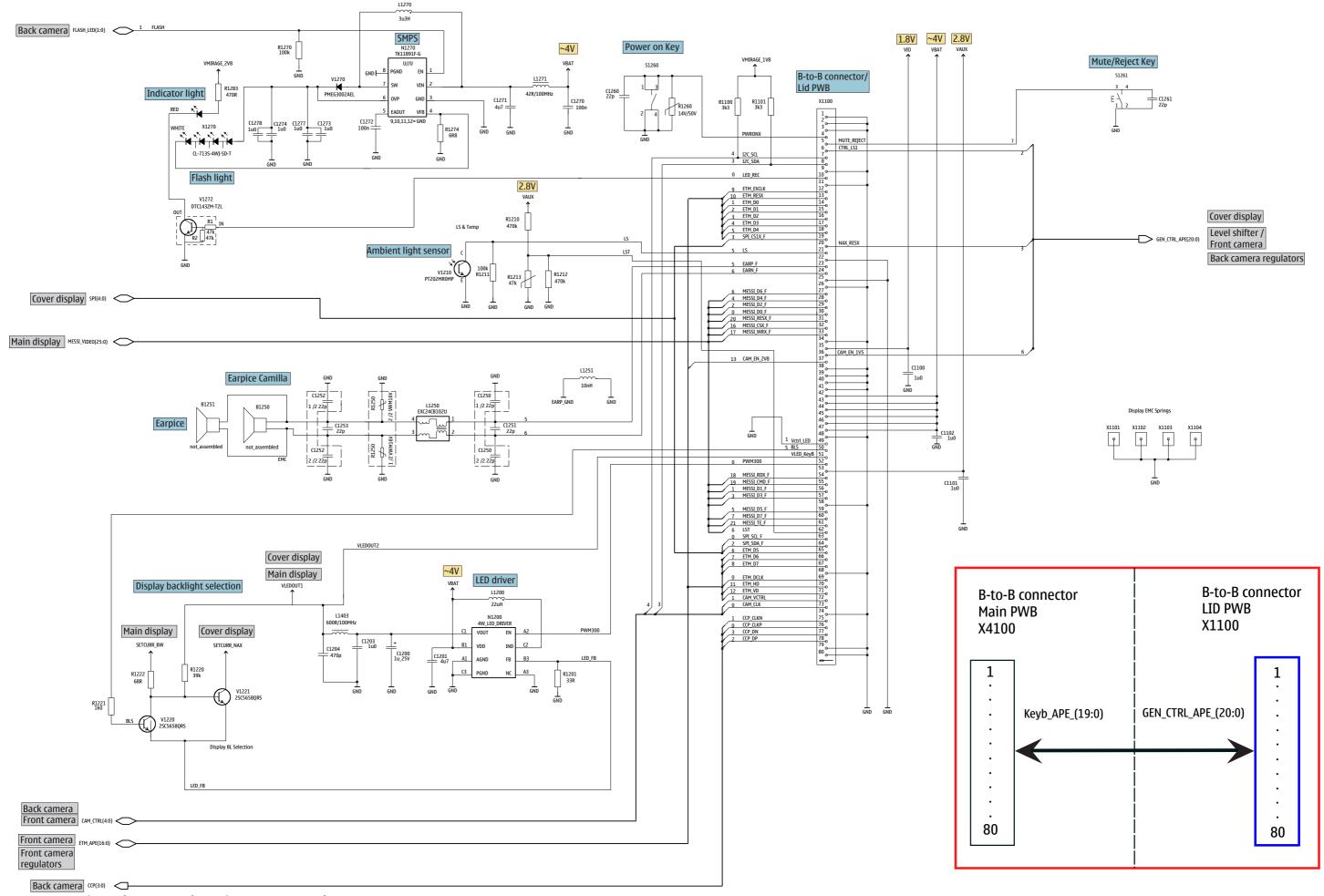


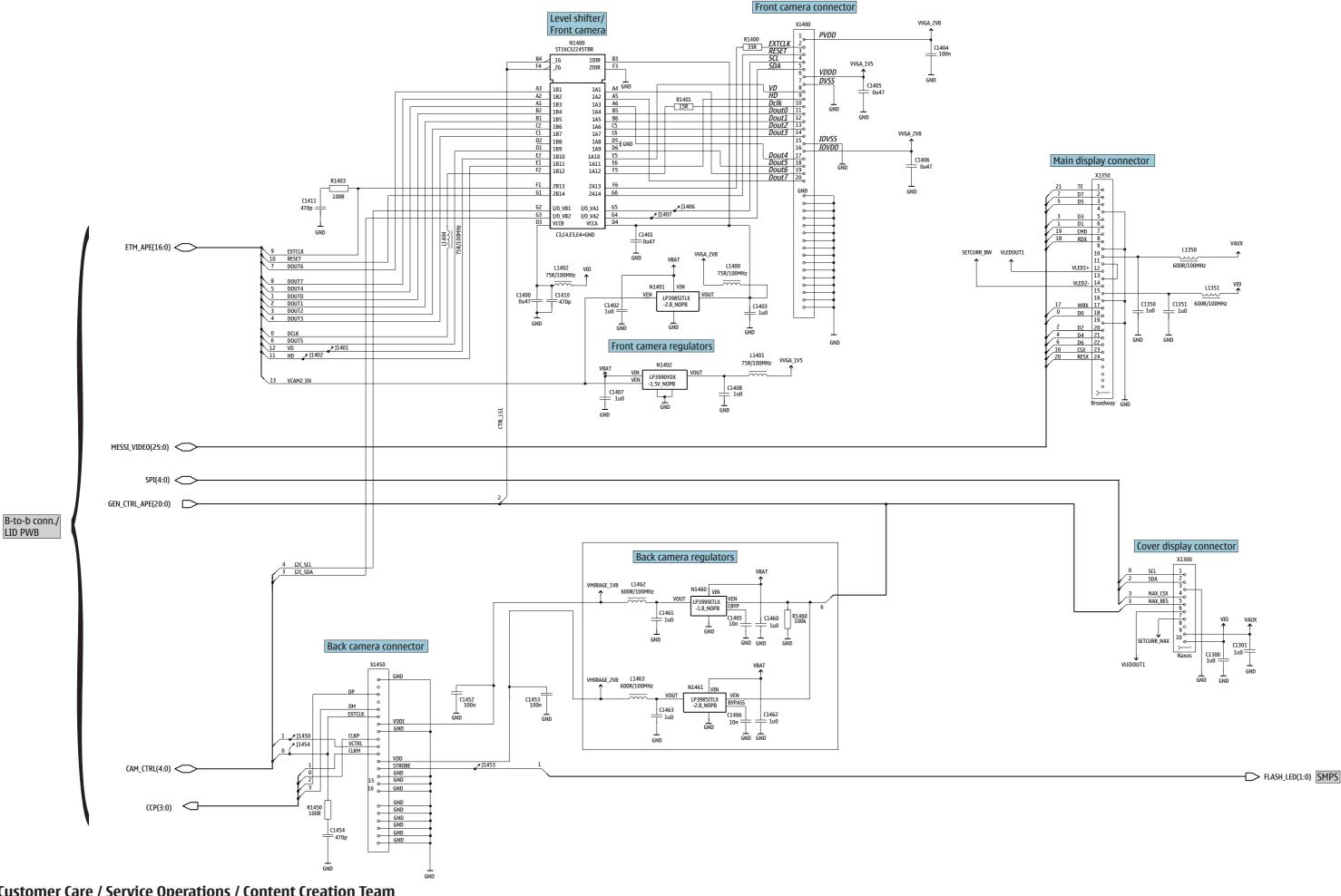
Customer Care / Service Operations / Content Creation Team Confidential Copyright © 2006 NOKIA Only for training purposes Version: 2.0 29.03.2006 Board version: 1lq_11 | | N-71 |











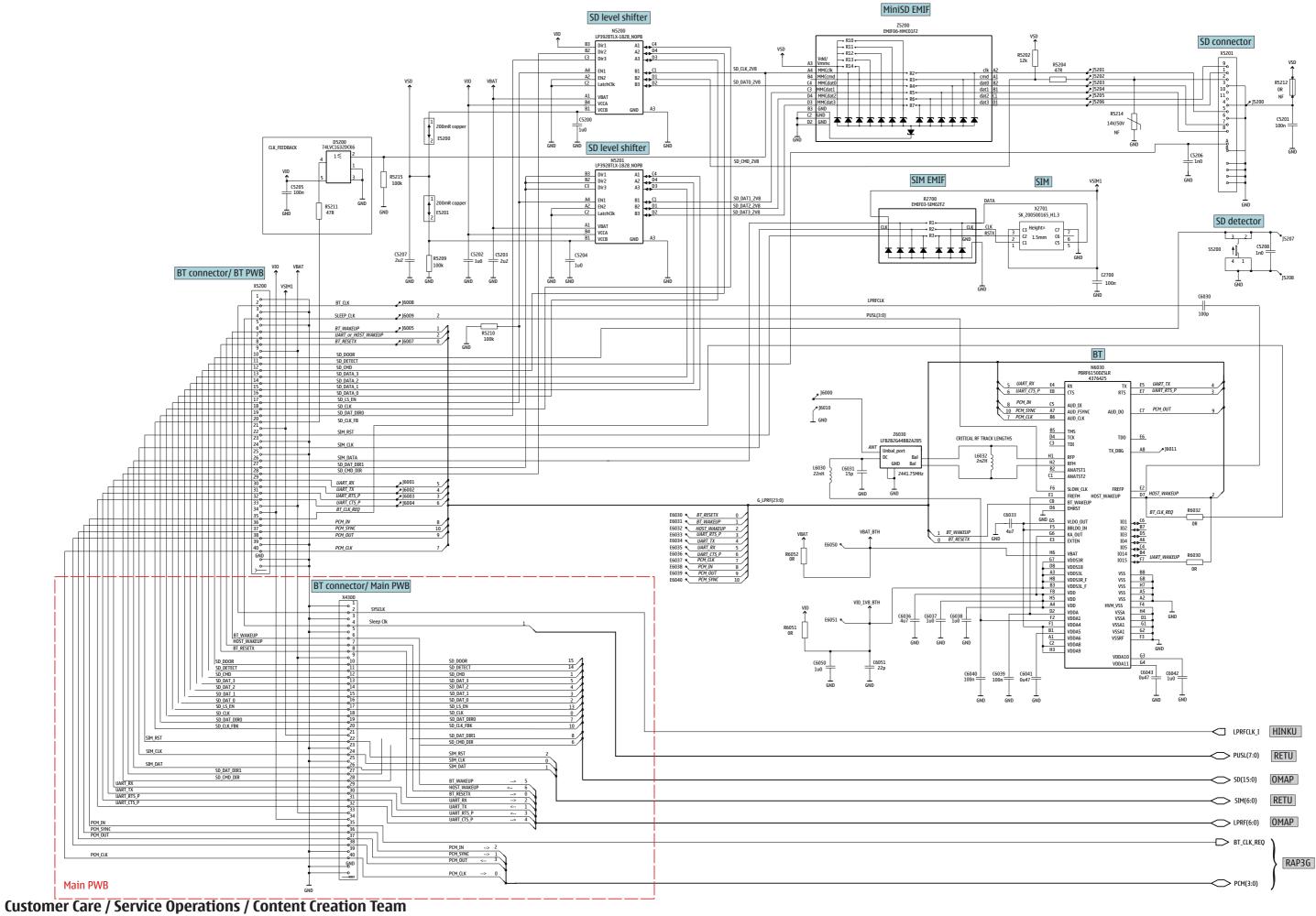
Customer Care / Service Operations / Content Creation Team Confidential Copyright © 2006 NOKIA Only for training purposes

Version: 2.0

29.03.2006 | N-71 | Board version: 1lr_09 |

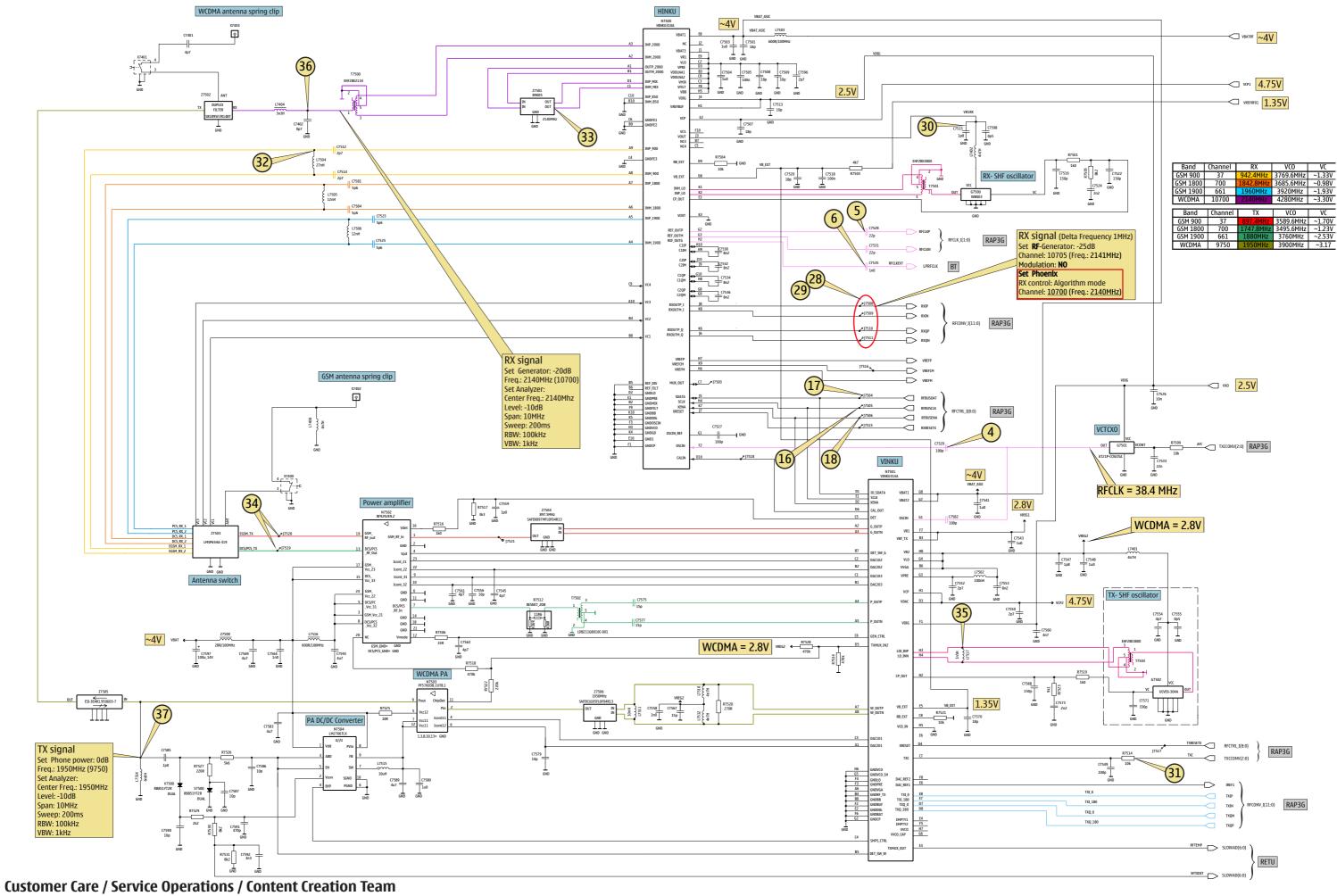
Display, Cameras/ LID PWB

Page 11(15)



Confidential Copyright © 2006 NOKIA Only for training purposes Version: 2.0 | 29.03.2006 | N-71 | Board version: 1lz_09 | Bluetooth PWB

Page 12(15)



Confidential Copyright © 2006 NOKIA Only for training purposes

Version: 2.0

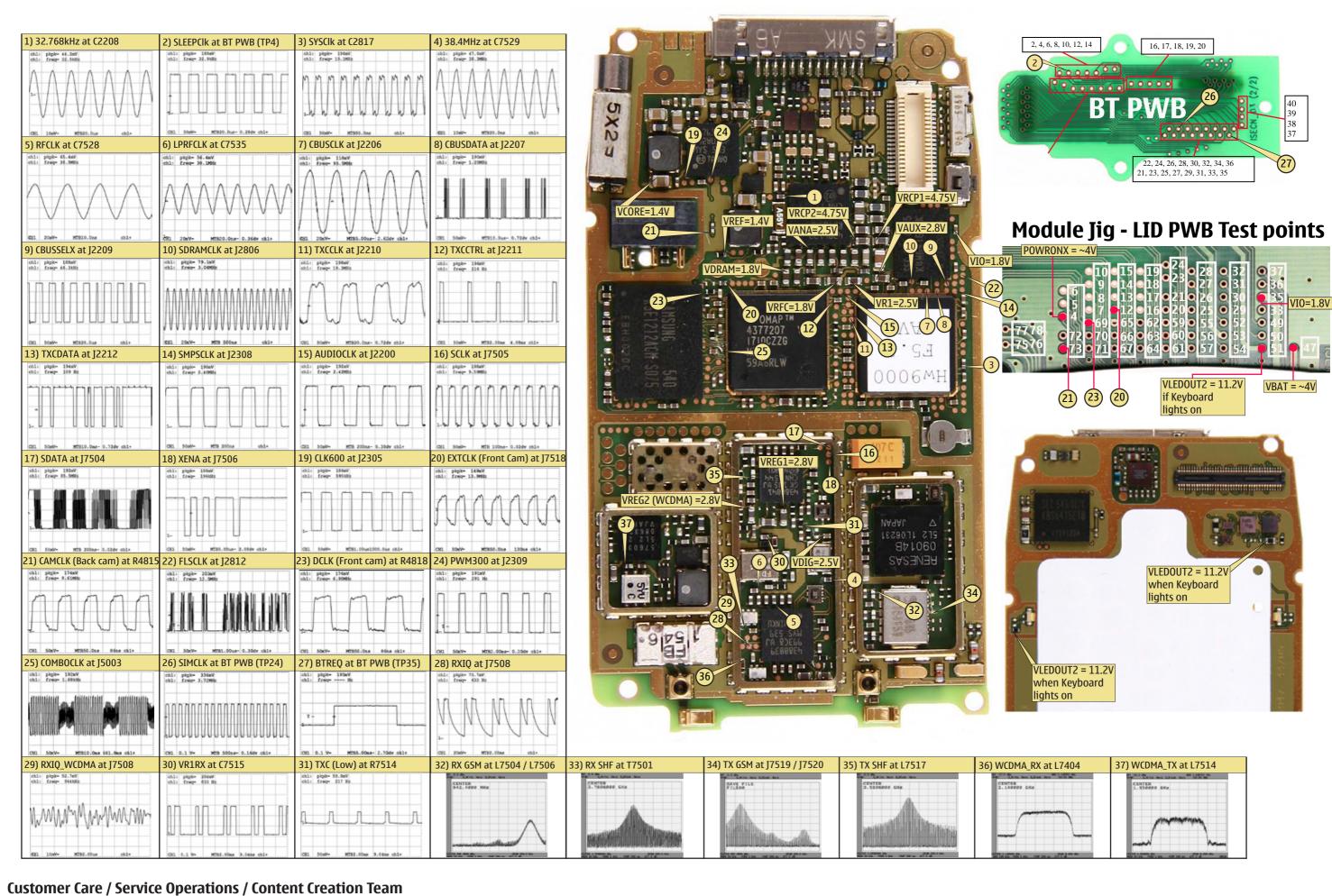
29.03.2006

| N-71 |

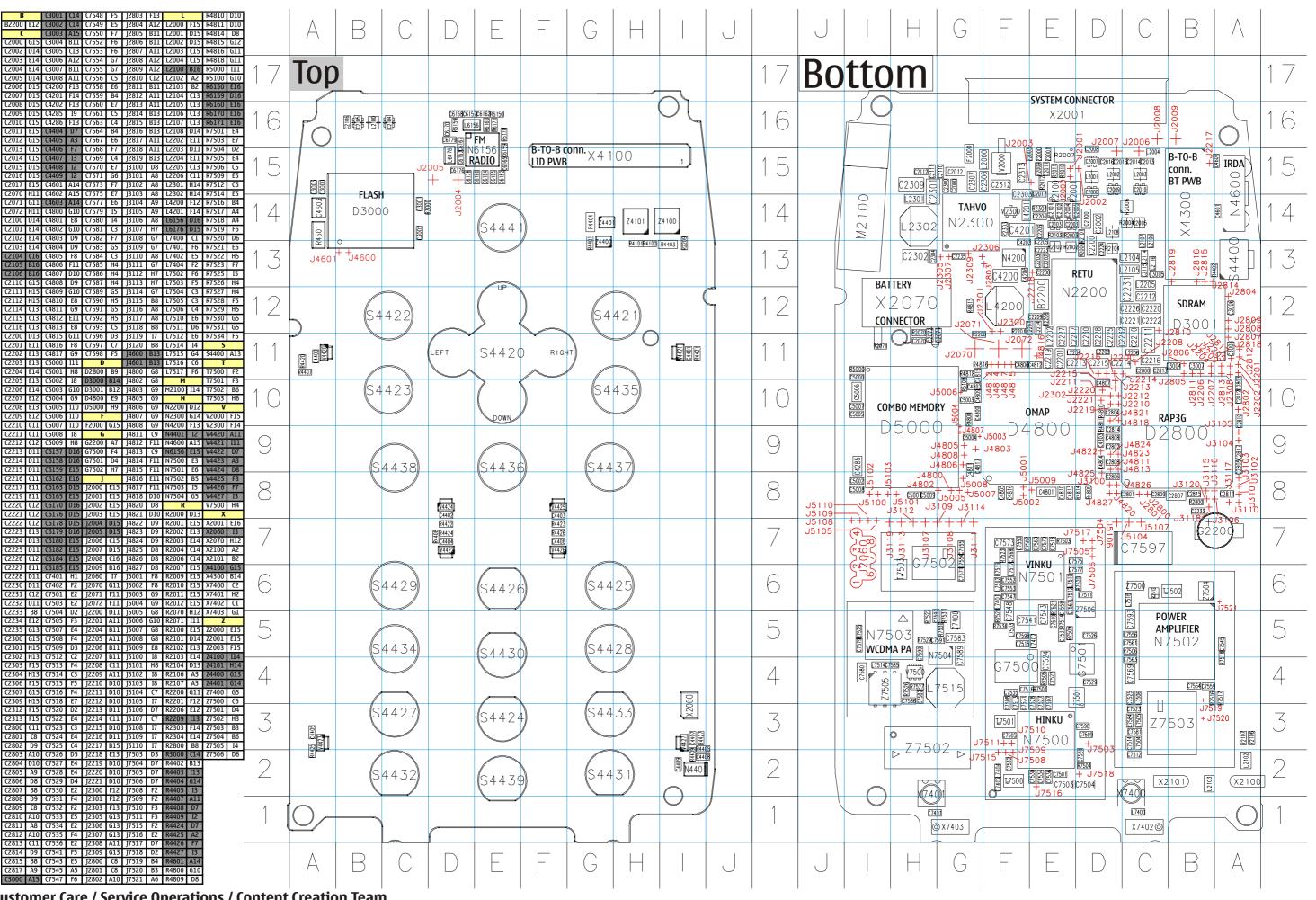
Board version: 1lq_11 |

RF part

Page 13(15)



Confidential Copyright © 2006 NOKIA Only for training purposes Version: 2.0 | 29.03.2006 | N-71 | Board version: 1lq_11 | Signal overview | Page 14(15)



Customer Care / Service Operations / Content Creation Team Confidential Copyright © 2006 NOKIA Only for training purposes

Version: 2.0

29.03.2006

| N-71

Board version: 1lq_11 |

Component finder

Page 15(15)